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A CHECK LIST OF THE TREES OF SOUTHERN RHODESIA

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This check list is a by-product of the preparation of an illustrated key for the determination of Southern Rhodesian trees in the field on vegetative characters alone. In order to decide which of the trees of the country to include in this key, it was necessary to ascertain the total range of taxa which were known to occur. For this purpose, any plant known sometimes at least to have a single stem and to reach a minimum height of ten feet was accepted as a tree. While such a characterisation would perhaps not be applicable in the rain forest regions further north, unless as low a minimum height as this is employed for the definition of a tree in the savanna regions of Africa, the woody vegetation largely falls into a shrub category, and one is then left with the problem of distinguishing between large shrubs, medium-sized shrubs and small shrubs, and relating the large shrubs to the tree categories recognised elsewhere. It seemed advisable to avoid the use of a further category such as *bush*, sometimes used to describe small savanna trees.

It will be a number of years yet before the Flora Zambesiaca can be completed. When this has been done a list of the trees of the five territories included in this flora can be compiled from the records cited therein. However, it is likely that during the interval new records will have appeared, in fact already additional tree records have been made in the families covered in Volume I of this Flora.

The simultaneous preparation of other regional floras such as the Flora of Southern Africa in South Africa, the Flora of East Tropical Africa and the Flora of the Congo in particular, and to a lesser extent floras of more distant areas like the revised Flora of West Tropical Africa, and the Flora of Angola, are providing revisions of taxa which occur also in Southern Rhodesia, and are therefore necessitating nomenclatural changes in the names currently applied to Southern Rhodesian trees.

This check list is therefore a critical compilation of all correct names of local trees as published in these various floras, and as applied to local records, prepared after an examination of specimens more particularly at Pretoria, Kitwe, and Kew, and of the determinations made upon them there.

It should be emphasised that this list is clearly not a definitive taxonomic work, and any taxonomic judgements have, as far as possible, been avoided. Such judgements cannot however always be by-passed, and in the few cases where such a judgement has had to be made, the splitters rather than the lumpers have been favoured. Thus for example while Codd in the Flora of Southern Africa considers that *Randia vestita* S. Moore is conspecific with *Xerompsis obovata* (Hochst.) Keay, there seems in Southern Rhodesia at the moment to be sufficient difference between gatherings of the one or the other to maintain these two taxa as separate species, although the assembly of many further collections may ultimately demonstrate these differences to be non-existent. Meanwhile, therefore, it seemed better in this region to keep the two taxa separate, but as *Randia vestita* has not been transferred to *Xerompsis*, which has to be done if it is to be maintained as a separate species, *R. vestita* has been cited in the list as *Xerompsis vestita* comb. nov. In rather the same way, Codd in volume 26 of the Flora of Southern Africa (1963) transfers two South African species of *Conopharyngia* to *Tabernaemontana*; this leaves two Southern Rhodesian species to be listed again under *Tabernaemontana*.

There are other similar taxonomic and nomenclatural complexities connected with the employment of names used in the latest floras. Moreover while White in his Forest Flora of Northern Rhodesia (1962) omits reference to most infra-specific categories, perhaps somewhat inconsistently he has occasionally reduced what might have been regarded as good species to sub-specific rank, as in the case of *Syzygium guineense*, thereby creating a large and widely diversified species. Such lumping is perhaps a phase imposed by circumstances during the preparation in the first half of this century of African regional floras, principally in European Herbaria, and we may already be emerging from this phase and moving towards a more narrow conscription of species which may lead to the resurrection of some of these older species at the moment regarded as of sub-specific rank. It seems clear that *Terminalia sericea* agg., for example, must be broken down again into at least three distinct taxa, and many similar

instances could be quoted. This lumping phase, however inconvenient and unwieldy for the non-specialist, will at least have been useful to future cyto-taxonomists and biogeographers, providing them as it does with starting points for the examination of vicariant relationships and so forth.

This present tree list contains some 735 taxa of which there are 714 species, with 279 genera in 76 families. Because many of the names listed will be strange to persons otherwise familiar with the vegetation of this country, a selected list of synonyms has been provided. It is not intended to represent the full range of synonomy for this area, but only to indicate the commoner synonyms by which certain of the taxa listed have previously been known, that is names which have been widely used and which appear in some of the more familiar local literature. These synonyms thus include for example names used in Henkel's early account of the vegetation of Southern Rhodesia (1931), Eyles' list of Rhodesian plants (1916), Stedman's list of woody species (1933), the Coates-Palgrave illustrated tree book (1956) and so forth. For convenient reference, the genera of both currently correct epithets and of these selected synonyms are listed in the index, and it is only necessary to turn to the page of the appropriate genus in the list and look through the correct names and the synonyms to trace a given taxon.

As most of the floras and herbaria of this part of the world are arranged according to the Engler and Diels system, or some modification of it, this arrangement of families has in general been followed here. Taxonomists are at the moment in something of a quandary in regard to such classification. Most of the larger continental European and American herbaria are also arranged on this Engler and Diels system. Many British herbaria follow Bentham and Hooker; several important herbaria in Southern Africa utilise the numerical system laid down by Dalle Torre and Harms which is basically still Engler and Diels. The system of Hutchinson, which seems to be at the moment the most natural system, bringing out the most clearly the inter-relationships between the different families, will have to be modified in the future, as it cannot be accepted as it stands, and there seems little point in changing over to it until this has happened and some stability has been achieved.

A list like this, therefore, necessarily rests on a rather arbitrary basis in several respects, but it is hoped that nevertheless it will be of some service as a guide to what is at present known about the occurrence of trees in this territory, and that it may assist in the eventual production of a definitive tree list for the area.

Where a tree occurs commonly, no specimens are cited; it is unlikely that such well-known species have been mis-identified, and further name changes will merely reduce the currently correct name to synonymy where it can readily be traced. In the case of single records however, or of a taxon with a few gatherings only, the specimens in question have been cited, together with their

locality, or a selection of specimens listed where there are several from one locality. In such instances there is a very real possibility that the name presently applied is a mis-identification, which could only subsequently be detected during the preparation of revised lists if reference is made here to the specimens themselves.

Only specimens deposited in the Government Herbarium, Salisbury (SRGH), have been cited here; duplicates of these gatherings are in many instances to be found at Kew, Pretoria, in Lisbon and to a lesser extent in other internationally established herbaria. In the case of a few critical groups, for example as concerns *Terminalia sericea* agg., a full range of gatherings is to be found only in the Central African Herbarium (CAH) at the University College, Salisbury.

Introduced and naturalised species have deliberately been excluded from the list, but a very few records have been retained of trees which are doubtfully indigenous here. Thus *Erica arborea* is suspect, for it has been found in Southern Rhodesia so far only near occupied sites where it could have been introduced. It has always to be borne in mind that this country has a long tradition of enthusiastic amateur botany, which has led to the obtaining and establishment in gardens of much exotic material.

Appreciation must be recorded here for the permission of the respective Directors to examine specimens in the Herbarium of the Royal Botanic Gardens, Kew, the Herbarium of the Botanical Research Institute, Pretoria, the Phanerogamic Herbarium of the Paris Natural History Museum and the Government Herbarium, Salisbury, where Dr. H. Wild gave some most helpful advice and Mr. R. N. Drummond kindly undertook the correction of detectable errors in the list and provided a number of suggestions which resulted in additions to it. Mr. L. C. Leach has supplied the names of the succulent Euphorbiaceae.

LIST OF TREES

Salicaceae

Salix capensis Thunb. var. gariepina Anders.

„ subserrata Willd.

Myricaceae

Myrica conifera Burm. f.
(*M. aethiopica* L.f.)

„ pilulifera Rendle

Ulmaceae

Celtis africana Burm. f.
(*C. kraussiana* Bernh.)
(*C. rhamnifolia* Presl.)

„ durandii Engl.
(*C. dioica* S. Moore)

Chaetacme arista Planch.
Umtali, *Chase* 7, 648, etc.:
Chipinga, *Farrell* 193.
(*C. microcarpa* Rendle)
(*C. serrata* Engl.)

Trema orientalis Bl.
(*T. guineensis* Priemer)

Moraceae

Bosquiea phoberos Baill.

Ficus brachypoda Hutch.

„ brachylepis Welw. ex Hiern
Chirinda Forest, *Wild* 214, etc.

„ burkei (Miq.) Miq.
(*F. erici-rosenii* R.E. Fr.)

„ capensis Thunb.

„ capreifolia Del.

„ cognata N.E. Br.
Bulawayo, *Eyles* 7,008

„ congensis Engl.

Ficus craterostoma Warb.

„ dekdekena (Miq.) A. Rich.

„ eriocarpa Warb.

„ exasperata Vahl.
Melsetter, *Eyles* 6,282, etc.

„ glumosa Del.
Chipinga, *Goldsmith* 198/62:
Lomagundi, *Jack* 1,239

„ gnaphalocarpa (Miq.) Steud. ex A. Rich.

„ gossweileri Hutch.

„ holstii Warb. ex Desn.
Inyanga, *Chase* 1,837 (27,034)

„ ingens (Miq.) Miq.

„ ingentoides Hutch.

„ mallotocarpa Warb.

„ natalensis Hochst.
(*F. schimperi* R.E. Fr.)
(*F. vogelii* R.E. Fr.)

„ nekbuda Warb.

„ nigropunctata Warb.

„ pretoriae Burtt Davy

„ quibeba Welw. ex Ficalho

„ retusa L.

„ rhodesiaca Warb. ex Mildbr. & Burret

„ rubiginosa Vent.
Bulawayo, *Hodgson* 1/55

„ smutsii Verdoorn

„ soldanella Warb.

„ subcalcarata Warb. & Schweinf.
Chirinda Forest, *Swynnerton* 435:
Eastern Districts, *Hodgson* s.n.:
Umtali, *Chase* 1,837

„ stuhlmannii Warb.

„ sycomorus L.

Ficus thonningii Blume

„ vallis-choudae Del.

„ verruculosa Warb.

„ welwitschii Warb.
Sabi-Lundi Junction, *Plowes* 1,172

„ zambesica Hutch.

Maclura africana (Bur.) Corner
(*Cardiogyne africana* Bur.)

Myrianthus holstii Engl.
(*M. arboreus* Beauv.)

PROTEACEAE

Faurea discolor Welw.

„ forficuliflora Bak.

„ saligna Harv.

„ speciosa Welw.

Leucadendron petiolare Hiern
(*Protea petiolaris* Baker)

Protea angolensis Welw. var. angolensis
(*Leucadendron angolense* Hiern.)

„ angolensis Welw. var. divaricata
(Engl. & Gilg) Beard
(*P. denudata* Hutch. & Bruce)

„ gaguedii Gmel.
(*P. abyssinica* Willd.)
(*P. trigyna* Phyllips)

„ gazensis Beard

„ madiensis Oliv.
(*P. bequaertii* De Wild.)

„ welwitschii Engl. subsp.
goetzeana (Engl.) Beard
(*P. kirkii* G. H. Wright)
(*P. hirta* Klotzsch pro parte)
(*P. swynnertonii* S. Moore)

„ welwitschii Engl. subsp. melliodora
(Engl. & Gilg) Beard
(*P. hirta* Klotzsch pro parte)
(*P. melliodora* Engl. & Gilg)

OPILIACEAE

Opilia tomentella (Oliv.) Engl.

OLACACEAE

Olax dissitiflora Oliv.

„ obtusifolia De Wild.

Strombosia scheffleri Engl.
Chirinda Forest, *Wild* 2,032

Ximenia americana L.

„ caffra Sond. var. caffra

ANNONACEAE

Annona senegalensis Pers.
(*A. chrysophylla* Boj.)

Artabotrys brachypetalus Benth.

„ monteiroae Oliv.
(*A. nitidus* Engl.)

Cleistochlamys kirkii (Benth.) Oliv.

Hexalobus monopetalus (A. Rich.)
Engl. & Diels var. monopetalus

„ monopetalus (A. Rich.) Engl.
& Diels var. obovatus Brenan

Monodora junodii Engl. & Diels

Popowia obovata (Benth.) Engl. & Diels

Uvaria gracilipes N. Robson
Lundi R., *Phelps* 207

Xylopia aethiopica (Dunal) A. Rich.
Inyanga, *Wild* 5,267

„ holtzii Engl.
(*X. antunesii* var. *shirensis*
Engl. & Diels)

„ odoratissima Welw. ex Oliv.
(*X. antunesii* Engl. & Diels)

„ tomentosa Exell

MONIMIACEAE

Xymalos monospora (Harv.) Baill.

HERNANDIACEAE

Gyrocarpus americanus Jacq.
(*G. jacquinii* Roxb.)
(*G. asiaticus* Willd.)

CAPPARIDACEAE

Boscia albitrunca (Burch.) Gilg & Bened.

„ angustifolia A. Rich. var. corymbosa (Gilg) De Wolf. (*B. corymbosa* Gilg)

„ matabelensis Pest.

„ mossambicensis Klotzsch

„ rehmanniana Pest.

„ salicifolia Oliv.

Cladostemon kirkii (Oliv.) Pax & Gilg

Maerua angolensis DC.

„ caffra (DC.) Pax.

„ kirkii (Oliv.) F. White

„ prittwitzii Gilg. & Bened. Urungwe, *Lovemore* 32: Gwaai, *Davies* 398

„ pubescens (Klotzsch) Gilg

Ritchiea albersii Gilg

Thylacium africanum Lour. (*T. verrucosum* Klotzsch)

PITTOSPORACEAE

Pittosporum viridiflorum Sim var. malosanum (Bak.) Cufodontis

„ viridiflorum Sim var. viridiflorum

ROSACEAE

Parinari curatellifolia Planch. ex Benth. subsp. mobola (Oliv.) R. Grah. (*Parinarium curatellaefolium* Planch.) (*Parinarium mobola* Oliv.)

Parinari polyandra Benth. subsp. floribunda (Bak.) R. Grah.

Pygeum africanum Hook. f.

CONNARACEAE

Agelaea heterophylla Gilg

Byrsocarpus orientalis (Baill.) Bak.

MIMOSACEAE

Acacia abyssinica Hochst. ex Benth. subsp. calophylia Brenan

„ albida Del.

„ arenaria Schinz.

„ ataxacantha DC. var. ataxacantha

„ ataxacantha DC. var. australis Burtt Davy (*A. eriadenia* Benth.) (*A. lugardae* N.E.Br.)

„ borleae Burtt Davy

„ caffra (Thunb.) Willd.

„ chariessa Milne-Redhead

„ clavigera E. Mey. subsp. clavigera

„ clavigera E. Mey subsp. usambarensis (Taub.) Brenan

„ davyi N.E.Br. Nyamandhlovu, *West* 2,421

„ delagoensis Harm.

„ eriocarpa Brenan

„ erubescens Welw. ex Oliv.

„ fleckii Schinz.

„ galpinii Burtt Davy

„ gerrardi Benth. var. gerrardi

„ giraffae Willd.

„ goetzei Harms subsp. goetzei

„ goetzei Harms subsp. microphylla Brenan

„ grandicornuta Gerstner

„ hebeclada DC.

„ karroo Hayne (*A. natalita* E. Mey.)

„ kirkii Oliv. subsp. kirkii var. intermedia Brenan

„ macrothyrsa Harms (*A. buchananii* Harms) (*A. prorsispinula* Stapf.)

Acacia mellifera (Vahl) Benth. subsp. detinens (Burch.) Brenan
(*A. detinens* Burch.)

„ nebrownii Burtt Davy

„ nigrescens Oliv.
(*A. pallens* (Benth.) Rolfe)

„ nilotica (L.) Willd. ex Del. subsp. kraussiana (Benth.) Brenan
(*A. benthami* Rochebr.)

„ nilotica (L.) Willd. ex Del. subsp. subalata (Vatke) Brenan

„ permixta Burtt Davy

„ polyacantha Willd. subsp. campylacantha (Hochst. ex A. Rich.) Brenan
(*A. campylacantha* Hochst.)

„ rehmanniana Schinz.

„ robusta Burch.

„ senegal (L.) Willd. var. leiorhachis Brenan
(*A. verek* Guill. & Perr.)

„ senegal (L.) Willd. var. rostrata Brenan

„ sieberiana DC. var. vermoesenii (De Wild.) Keay & Brenan

„ sieberiana DC. var. woodii (Burtt Davy) Keay & Brenan
(*A. woodii* Burtt Davy)

„ stuhlmannii Taub.

„ tortilis (Forsk.) Hayne subsp. heteracantha (Burch.) Brenan

„ tortilis (Forsk.) Hayne subsp. spirocarpa (Hochst. ex A. Rich.) Brenan

„ uncinata Engl.

„ xanthoploea Benth.

Albizia adianthifolia (Schumach.) W. F. Wight
(*A. fastigiata* (E. Mey.) Oliv.)

„ amara (Roxb.) Boiv. subsp. seriocephala (Benth.) Brenan

Albizia anthelmintica (A. Rich.) Brongn.

„ antunesiana Harms

„ brevifolia Schinz.
(*A. rogersii* Burtt Davy)

„ evansii Burtt Davy

„ forbesii Benth.

„ glaberrima (Schumach. & Thonn.) Benth. var. glabrescens. (Oliv.) Brenan

„ gummifera (J. F. Gmel.) C. A. Smith var. gummifera.

„ harveyi Fourn.

„ schimperana Oliv.

„ tanganyicensis Bak. f.
(*A. rhodesica* Burtt Davy)

„ versicolor Welw. ex Oliv.

„ zimmermanii Harms

Amblygonocarpus andogensis (Welw. ex Oliv.) Exell & Torre
(*A. obtusangulus* (Welw. ex Oliv.) Harms)

Dichrostachys cinerea (L.) Wight & Arn. subsp. cinerea
(*D. glomerata* (Forsk.) Chiov.)
(*D. nutans* (Pers.) Benth.)

„ cinerea (L.) Wight & Arn. subsp. nyassana (Taub.) Brenan
(*D. nyassana* Taub.)

Elephantorrhiza burkei Benth.

„ goetzii (Harms) Harms
(*Piptadenia goetzii* Harms)

Entada abyssinica Steud. ex A. Rich.

Newtonia buchanani (Bak.) Gilbert & Boutique
(*Piptadenia buchanani* Bak.)

„ glandulifera (Pell.) Gilb. & Bout. Ndanga, *Goodier* 1,015

„ hildebrandtii (Vatke) Torre var. hildebrandtii
(*Piptadenia hildebrandtii* Vatke)

Xylia torreana Brenan

CAESALPINIACEAE

Afzelia quanzensis Welw.

Baikiaea plurijuga Harms

Bauhinia galpinii N.E.Br.
(*B. punctata* Bolle)

„ macrantha Oliv.

„ mendoncae Torre & Hillcoat

„ petersiana Bolle

Brachystegia allenii Hutch. & Burtt Davy

„ boehmii Taub.
(*B. woodiana* Harms)

„ spiciformis Benth.
(*B. randii* Bak. f.)

„ tamarindoides Welw. ex Benth.

„ utilis Hutch. & Burtt Davy

Burkea africana Hook.

Cassia abbreviata Oliv. subsp. bearana (Holmes) Brenan
(*C. granitica* Bak. f.)

„ singueana Del.

Colophospermum mopane (Kirk ex Benth.) Kirk ex J. Léon.
(*Copaifera mopane* Kirk ex Benth.)

Cordyla africana Lour.

Dialium angolense Welw. ex Oliv.

„ englerianum Henriques
(*D. simsii* Phillips)

Erythrophleum africanum (Welw. ex Benth.) Harms
(*Gleditsia africana* Welw.)

„ suaveolens (Guill. & Perr.) Brenan
(*E. guineense* G. Don)

Guibourtia coleosperma (Benth.) J. Léon.
(*Copaifera coleosperma* Benth.)

„ conjugata (Bolle) J. Léon
(*Copaifera gerskiana* Benth.)
(*C. conjugata* (Bolle) Milne-Redhead)

Julbernardia globiflora (Benth.) Troupin
(*Berlinia globiflora* Hutch. & Burtt Davy)
(*Isoberlinia globiflora* Hutch. ex Greenway)

Peltophorum africanum Sond.

Piliostigma thonningii (Schum.) Milne-Redhead
(*Bauhinia thonningii* Schum.)
(*B. articulata* DC.)

Swartzia madagascariensis Desv.

Tamarindus indica L.

PAPILIONACEAE

Baphia obovata Schinz

Bolusanthus speciosus (Bolus) Harms

Calpurnea subdecandra (L'Herit.) Schweick.
(*Calpurnea aurea* (Lam.) Benth.)

Craibea brevicaudata (Vatke) Dunn subsp. baptistanum (Buttn.) Gillet
(*Schefflerodendron gazensis* Bak. f.)

Dalbergia arbutifolia Bak.

„ boehmii Taub.

„ lactea Vakte
Inyanga, *Eyles* 2,604, etc.; Hondi Valley, *Chase* 1,497; Gungungana Forest, *Goldsmith* 103/61, *Goldsmith* 66/61; Umtali, *Chase* 923, etc.

„ martinii F. White
(*D. glandulosa* Dunkley)

„ melanoxylon Guill. & Perr.

„ nitidula Welw. ex Bak.

Dalbergiella nyassae Bak. f.

„ welwitschii Bak. f.
Urungwe, *Goodier* 580, *Goodier* 601; Buhera, Gleghorn 550.

Erythrina abyssinica Lam. ex DC.
(*E. tomentosa* R.Br. ex A. Rich.)

„ gibbsae Bak. f.

Erythrina livingstoniana Bak.
(*E. droogmansiana* De Wild. & Disr.)

,, lysistemon Hutch.
(*E. caffra* Thunb.)

Indigofera rhynchocarpa Welw. ex Bak. var. rhynchocarpa

Lonchocarpus capassa Rolfe

,, menyhartii Schinz

Milletia stuhlmannii Taub.

,, usaramensis Taub. subsp. australis Gillet

,, sp., aff. M. drastica Welw.
Victoria, *Hodgson* s.n.

Mundulea sericea (Wild.) Greenway
(*M. suberosa* Benth.)

Ormocarpum bibracteatum (Steud. ex A. Rich.) Bak.
,, (*O. kirkii* S. Moore)

,, trichocarpum (Taub.) Harms ex Burtt Davy

Ostryoderris stuhlmannii (Taub.) Dunn ex Bak. f.

Pericopsis angolensis (Bak.) van Meeuwen
(*Afrormosia angolensis* (Bak.) Harms)

Pseudocadia zambesica (Bak.) Harms
(*Sophora zambesiaca* Bak.)

Pterocarpus angolensis DC.
(*P. erinaceus* Poir.)
(*P. echinatus* DC.)

,, antunesii (Taub.) Harms
(*P. stevensonii* Burtt Davy)

,, brenanii Barbosa & Torre

,, martinii Dunkley

,, polyanthus Harms

,, rotundifolius (Sond.) Bruce

Sesbania cinerascens Welw. ex Bak.

,, macrantha Welw. ex Phill. & Hutch. var. levis Gillet

Sesbania macrantha Welw. ex Phill. & Hutch var. macrantha

,, sesban (L.) Merr. subsp. sesban var. nubica Chiov.

Hugoniaceae

Hugonia orientalis Engl.
Chipinga, *Goodier* 100:
Nuanetsi, *Davies* 1,627.

Erythroxylaceae

Erythroxylum emarginatum Thonn.

,, zambesiacum N. Robson

Balanitaceae

Balanites aegyptiaca (L.) Del.

,, maughamii Sprague

,, pedicellaris Mildbr. & Schlechter

Rutaceae

Calodendron capense (L.f.) Thunb.

Citropsis daweana Swingle & Kellern

Clausena anisata (Willd.) Hook. f. ex Benth.
(*C. inaequalis* Benth.)

Fagara capensis Thunb.
(*Xanthoxylum capense* Harv.)

,, chalybea (Engl.) Engl.

,, davyi Verdoorn

,, humilis E. A. Bruce

,, macrophylla (Oliv.) Engl.

Fagaropsis angolensis (Engl.) Dale var. millis (Suess.) Mendoçae
(*Clausenopsis angolensis* Engl.)

Oricia swynnertonii (Bak. f.) Verdoorn
Chirinda Forest, *Swynnerton* 12:
Zimbabwe, *Wild* 3,012
(*Teclea swynnertonii* Bak. f.)

Teclea nobilis Del.
Chimanimani, *Swynnerton* 1,322: Chirinda Forest, *Swynnerton* 2,163
(*Teclea natalensis* Bak. f.)
(*T. welwitschii* (Hiern.) Verdoorn pro parte)

Vepris reflexa Verdoorn

„ zambesiaca S. Moore
Urungwe, *Griffiths* s.n.: Bubi, *Goldsmith* 84/56: Beit Bridge, *Whellan* 1,670

SIMAROUBACEAE

Kirkia acuminata Oliv.

BURSERACEAE

Commiphora africana (A. Rich.) Engl. var. africana
(*C. pilosa* Engl.)

„ africana var. rubriflora (Engl.) Wild

„ angolensis Engl.

„ caerulea Burtt
Kariba, *Goldsmith* 52/59

„ edulis (Klotzsch) Engl.

„ karibensis Wild

„ marlothii Engl.

„ merkeri Engl.
(*C. viminea* Burtt Davy)

„ mollis (Oliv.) Engl.

„ mossambicensis (Oliv.) Engl.
(*C. fischeri* Engl.)

„ pyracanthoides Engl. subsp. glandulosa (Schinz) Wild

„ pyracanthoides subsp. pyracanthoides
Beitbridge, E. M. & W. 458: *Davies* D. 2,841, etc.: Gwanda, *Plowes* 1,194

„ schimperi (Berg.) Engl.

Commiphora tenuipetiolata Engl.

„ ugogensis Engl.

„ zanzibarica (Baill.) Engl.

MELIACEAE

Ekebergia benguelensis Welw. ex C.D.C.
(*E. arborea* Bak. f.)

„ capensis Sparrm.
(*E. rueppelliana* (Fresen.) A. Rich.)
(*E. meyeri* Presl.)

Entandrophragma caudatum (Sprague) Sprague

Khaya nyasica Stapf. ex Bak. f.
(*K. senegalensis* A. Juss.)

Lovoa swynnertonii Bak f.
Chirinda Forest, *McGregor* 16, etc.

Trichilia capitata Klotzsch

„ dregeana Sond.
Chirinda Forest, *Wild* 2,057
(*T. chirindensis* Swyn. & Bak. f.)

„ emetica Vahl
(*T. roka* [Forsk.] Chiov.)

Turraea fischeri Gurke subsp. eylesii (Bak. f.) Styles & White
Matopos, *Hodgson* 15/48

„ floribunda Hochst.

„ nilotica Kotschy & Peyr.

„ zambesiaca Sprague & Hutch.

POLYGALACEAE

Polygala virgata Thunb. var. decora (Sond.) Harv.

Securidaca longipedunculata Fresen.

EUPHORBIACEAE

Alchornea glabrata Prain
Chirinda Forest, *Wild* 2,167: Inyanga, *Chase* 7,862

Alchornea laxiflora (Benth.) Pax & K. Hoffm.

Androstachys johnsonii Prain

Antidesma membranacea Meull. Arg.

„ venosum E. Mey. ex Tul.

Argomuellera macrophylla Pax
Chirinda Forest, *Pardy* & *Armitage* 2 and 15

Bridelia atroviridis Muell. Arg.
Chirinda Forest, *R. Hack* 161/50

„ cathartica Bertol. f. subsp. melanthoides (Klotzsch) J. Léon.
(*B. niedenzui* Gehrm.)

„ micrantha (Hochst.) Baill.

„ mollis Hutch.

Cleistanthus apetalus S. Moore
Inyanga, *Chase* 7,859: Umtali, *Chase* 5,551: Melsetter, *Goldsmith* 106/61

„ holtzii Pax

Croton gratissimus Burch.
(*C. zambesicus* Muell. Arg.)

„ madandensis S. Moore

„ megalobotrys Muell. Arg.

„ menyharthii Pax

„ pseudopulchellus Pax

„ sylvaticus Hochst. ex Krauss

Drypetes gerrardii Hutch.
Ndanga, *Gibson* 74/51: etc.: Umtali, *Chase* 5,594: Chirinda Forest, *Chase* s.n.
(*D. battiscombei* Hutch.)

„ mossambicensis Hutch.

„ natalensis (Harv.) Hutch.

Erythrococca menyharthii (Pax) Prain
(*Claoxylon menyharthii* Pax)

„ polyandra (Pax & Hoffm.) Prain

„ tristis Prain
Lalapansi, *McGregor* s.n.

Excoecaria madagascariensis (Baill.) Muell. Arg.
Chirinda Forest, *Goldsmith* 226/62, *Hack* 59/50, *Swynnerton* 72, etc.

Euphorbia angularis Klotzsch

„ confinalis Dyer

„ cooperi N.E.Br.

„ cooperi N.E. Br. var. ined.

„ espinosa Pax

„ griseola Pax

„ ingens Mey.

„ matabelensis Pax

Hymenocardia acida Tul.
(*H. mollis* Pax)

„ ulmoides Oliv.

Macaranga capensis (Baill.) Sim

„ kilimandscharica Pax
Umtali, *S.R. Dept. Agr.* 1,178

„ mellifera Prain

„ ruwenzorica Pax
Inyanga, *Eyles* 2,579

„ zenkeri Pax
Eastern Border, *Gilliland* 966

Neopalissya castaneifolia Pax
Chirinda Forest, *Pardy* & *Armitage* 2 and 15

Phyllanthus discoideus (Baill.) Meull. Arg.

„ engleri Pax

„ kirkianus Muell. Arg.

„ reticulatus Poir

„ sp., c.f.P. inflatus Hutch.
Chirinda Forest, *Goldsmith* 21/61, *Wild* 2,046

Pseudolachnostylis dekindtii Pax
Chipinga, *Swynnerton* 151: Bulawayo, *Cuthbertson* 2 and 3

„ maprouneifolia Pax

Ricinodendron rautenii Schinz.

Sapium bussei Pax

„ ellipticum (Hochst. ex Krauss) Pax

Securinega virosa (Roxb. ex Willd.) Pax & K. Hoffm.
(*Fluggea microcarpa* Blume)

Suregada procera (Prain) Croizat
Melsetter, *Goodier* 146: Umtali, *Chase* 3,733: Chipete, *Wild* 2,133: Chirinda Forest, *Wild* 2,045, etc.

Synadaenium cupulare (Boissier) Wheeler

„ kirkii N.E.Br.

Tannodia swynnertonii (S. Moore) Prain
Chirinda Forest, *Swynnerton* 1,096, etc.

Uapaca kirkiana Muell. Arg.

„ nitida Muell. Arg.

„ sansibarica Pax

Anacardiaceae

Heeria insignis (Del.) O. Kuntze

„ reticulata (Bak. f.) Engl.

Lannea discolor (Sond.) Engl.

„ kirkii Burtt Davy

„ schimperi (Hochst. ex A. Rich.) Engl.

„ stuhlmannii (Engl.) Engl. var tomentosa Dunkley

Rhus amerina Meikle

„ dentata Thunb.

„ glaucescens A. Rich.
Ndanga, *West* 3,959: Marandellas, *S.R. Dept. Agri.* 868 Marandellas

„ guenzii Sond.

„ incana Mill.
(*R. laevigata* L.)
(*R. villosa* L.f.)

Rhus lancea L.f.

„ legati Schoenl.

„ longipes Engl.

„ macowani Schoenl.

„ pyroides Burch.

„ quartiniana A. Rich. var. acutifoliolata (Engl.) Meikle

„ tenuinervis Engl. & Gilg

„ tomentosa L.

Sclerocarya caffra Sond.

Aquifoliaceae

Ilex mitis (L.) Radlk.

Celastraceae

Cassine aethiopica Thunb.
(*Mystroxylon aethiopicum* (Thunb.) Loes.)
(*Elaeodendron aethiopicum* (Thunb.) Oliv.)
(*Cassine velutinum* (Harv.) Loes.)
(*Elaeodendron velutinum* Harv.)

„ buchananii Loes.
(*Elaeodendron buchananii* Loes.)

Catha edulis Forsk.

Maytenus acuminatus (L.f.) Loes.
(*Gymnosporia acuminata* (L.f.) Loes.)
(*G. amaniensis* Loes.)

„ cymosus (Soland.) Exell

„ mossambicensis (Klotzsch) Blakelock var. mossambicensis

„ senegalensis (Lam.) Exell
(*Gymnosporia buxifolia* (L.) Szysz.)
(*G. senegalensis* Loes.)

„ undatus (Thunb.) Blakelock
(*Gymnosporia luteola* (Del.) Loes.)
(*G. undata* (Thunb.) Szysz.)

Pleurostylia africana Loes.

Pseudocassine transvaalensis (Burtt Davy) Bredell

SALVADORACEAE

Salvadora angustifolia Turrill var. australis (Schweick.) Verdoorn (*S. australis* Schweick.)

ICACINACEAE

Apodytes dimidiata E. Mey. subsp. dimidiata

Cassinopsis ilicifolia (Hochst.) Kuntze (*C. capensis* Harv. & Sond.)

,, tinifolia Harv.

SAPINDACEAE

Allophylus buchananii Gilg. ex Radlk.

,, chirindensis Bak. f. Melsetter, *Goldsmith* 125/62

,, griseo-tomentosus Gilg

,, holubii Bak.f.

,, rubrifolius (Hochst.) Engl.

Aporrhiza nitida Gilg. Melsetter, *Ball* 751

Blighia unijugata Bak. (*B. zambesiaca* Bak.) (*Phialodiscus unijugatus* (Bak.) Radlk.) Melsetter, *Ball* 750, etc.: Umtali, *Chase* 7,408, etc.

Deinbollia xanthocarpa (Klotzsch) Radlk.

Dialopsis africana (L.) Radlk.

Dodonea viscosa (L.) Radlk.

Filicium decipiens (Wight & Arn.) Thwaite. Chipinga, *Goldsmith* 68/62: Inyanga. *Plowes* 2,047, etc.: Chimanimani, *West* 3,680: Umtali, *Chase* 743, etc.

Lecaniodiscus fraxinifolius Bak.

Melanodiscus oblongus Radlk. Melsetter, *Ball* 811, etc.: Umtali, *Chase* 4,697, etc.: Chipinga, *Goldsmith* 47/62

Pappea capensis (Spreng.) Eckl. & Zeyh. var. radlkoferi Schinz

Stadmannia sideroxylon DC. Umtali, *Chase* 4,733, etc.

Zanha golungensis Hiern Melsetter, *Goodier* & *Phipps* 156: Gungunyana Forest Reserve, *Goldsmith* 27/62: Umtali, *Chase* 1,228.

MELIANTHACEAE

Bersama abyssinica Fres. subsp. paullinioides (Planch) Verdcourt (*B. nyassae* Bak.)

RHAMNACEAE

Lasiodiscus usambarensis Engl. Chirinda Forest, *Wild* 2,179

Phyllogeiton discolor (Klotzsch) Herzog (*Berchemia discolor*(Klotzsch Hemsley)

,, zeyheri (Sond.) Suesseng. (*Rhamnus zeyheri* Sond.)

Rhamnus prinoides L'Herit

,, staddo A. Rich.

Ziziphus abyssinica Hochst. ex A. Rich.

,, mauritiana Lam.

,, mucronata Willd.

,, mucronata Willd. var. ined.

VITACEAE

Rhoicissus revoilii Planch. (*R. cuneifolia* Planch.)

TILIACEAE

Grewia avellana Hiern
(G. calycina N.E.Br.)

,, bicolor Juss.

,, flava DC.
(*G. cana* Sond.)

,, flavescens Juss. var. flavescens

,, flavescens Juss. var. clukondae (Schinz.) Wild

,, hexamita Burret
(*G. messinica* Burtt Davy)

,, inaequilatera Garcke

,, lepidopetala Garcke

,, micrantha Boj.

,, microcarpa K. Schum.

,, monticola Sond.

,, occidentalis L. var. occidentalis
(*G. chirindae* Bak. f.)
(*G. microphylla* Weim.)

,, pachycalyx K. Schum.

,, praecox K. Schum.
(*G. congesta* Weim.)

,, schinzii K. Schum.

,, stolzii Ulbr.
(*G. hopkinsii* Suess & Merxm.)

,, subspathulata N.E.Br.

MALVACEAE

Azanza garckeana (P. Hoffm.) Exell & Hillcoat
(*Thespesia garckeana* F. Hoffm.)

Hibiscus burt-davyi Dunkley
Melsetter, *Thompson* 10

,, diversifolius Jacq. subsp. rivularis (Brem. & Oberm.) Exell.

BOMBACACEAE

Adansonia digitata L.

STERCULIACEAE

Cola greenwayi Brenan
Vumba, Wild 1,588

Dombeya burgessiae Gerr. ex Herv.
(*D. rosea* Bak. f.)

,, kirkii Mast.

,, rotundifolia (Hochst.) Planch.
(*D. reticulata* K. Schum.)

Sterculia africana (Lour.) Fiori

,, quinqueloba (Garcke) K. Schum.
(*S. Livingstoneana* Engl.)

,, rogersii N.E.Br.

Triplochiton zambesiacus Milne-Redhead

OCHNACEAE

Brakenridgea zanguebarica Oliv.
Umtali, *Chase* 5,816

Ochna barbosae N. Robson
Chipinga, *Phelps* 257: S. Nuanetsi, *Mowbray* 119

,, cyanophylla N. Robson
(*O. mechowiana* Palgrave)

,, glauca Verdoorn

,, holstii Engl.
(*O. chirindica* Bak. f.)

,, inermis (Forsk.) Schweinf.

,, leptoclada Oliv.

,, occonnorii Phillips
Chirinda Distr., *Wild* 2,137

,, polyneura Gilg.
Umtali, *Chase* 1,258

,, puberula N. Robson

,, pulchra Hook. subsp. pulchra
(*O. antunesii* Engl. & Gilg)

,, schweinfurthiana F. Hoffm.

GUTTIFERAE

Garcinia huillensis Welw. ex Oliv.
(*G. buchananii* Bak.)

,, livingstonei T. Anders.
(*G. angolensis* Vesque)

,, mlanjiensis Dunkley

Harungana madagascariensis Lam. ex Poir.
(*Haronga paniculata* (Pers.) Lodd ex Steud.)

Hypericum revolutum Vahl
(*H. leucoptychodes* Steud. ex A. Rich.)
(*H. lanceolatum* Lam.)

,, roeperanum Schimp. ex A. Rich.
(*H. quartinianum* Steedman)

Psorospermum febrifugum Spach.

Symphonia globulifera L.f.

DIPTEROCARPACEAE

Monotes glaber Sprague
(*M. africanus* var. *denudans* Eyles)

,, engleri Gilg
(*M. tomentellus* Hutch.)
(*M. hypoleucus* Eyles)

,, katangensis (De Wild.) De Wild.
Urungwe, *Goodier* 581

VIOLACEAE

Rinorea convallarioides (Bak.f.) Eyles
Chirinda Forest, *Chase* 495

,, ferruginea Engl.
(*R. gazensis* (Bak.f.) Brandt)
Chirinda Forest, *Wild* 2,219

FLACOURTIACEAE

Aphloia theiformis (Vahl) Benn.
(*Neumannia theaeformis* Benn.)
(*Alphloia myrtiflora* Galpin)

Bivinia jalbertii Tul.

Casearia battiscombei R. E. Fries
Chirinda Forest, *Wild* 2,113, etc.
Banti Forest Reserve, *English* 18/47
(*C. chirindensis* Engl.)

Dovyalis caffra (Hook. f. & Harv.) Warb.

,, hispidula Wild
Chipinda Gorge, *Davies* 2,197

,, lucida Sim

,, macrocalyx (Oliv.) Warb.
(*D. chirindensis* Engl.)
(*Aberia macrocalyx* Oliv.)

,, zeyheri (Sond.) Warb.
(*D. tristis* (Sond.) Warb.)

Flacourtia indica (Burm. f.) Merr.
(*F. hirtiuscula* Oliv.)
(*F. ramontchi* L'Herit.)

Homalium abdessammadii Aschers. & Schweinf. subsp. wildemanianum (Gilg.) Wild
Victoria Falls, *Wild* 3,170

,, chasei Wild

,, dentatum (Harv.) Warb.

Kiggelaria africana L.

Oncoba spinosa Forsk.

Rawsonia lucida Harv. & Sond.

Scolopia zeyheri (Nees) Szyszyl.
Salisbury, *Eyles* 6,326

Trimeria rotundifolia (Hochst.) Gilg

PASSIFLORACEAE

Adenia sp.

OLINIACEAE

Olinia ventosa (L.) Cuf.
Umvukwes, *Wild* 3,909, *Wild* 3,928

,, vanguerioides Bak.f.

THYMELAEACEAE

Peddiea africana Harv.
(*P. dregei* Meisn.)

LYTHRACEAE

Galpinia transvaalica N.E.Br.

RHIZOPHORACEAE

Cassipourea gerrardii (Schinz) Alston

„ gummiflua Tul. var. verticillata (N.E.Br.) J. Lewis
(*C. verticillata* N.E.Br.)

„ malosana (Baker) Alston

COMBRETACEAE

Combretum albopunctatum Susseng.

„ apiculatum Sond.

„ celastroides Welw.
(*C. patelliforme* Engl. & Diels)

„ eleagnoides Klotzsch

„ erythrophyllum (Burch.) Sond.

„ ghasalense Engl. & Diels
(*C. ternifolium* Engl. & Diels)

„ hereroense Schinz var. villosissimus Burtt Davy
(*C. rhodesicum* Bak.f.)
(*C. transvaalense* Schinz)

„ imberbe Wawra var. petersii Engl. & Diels
(*C. primigenium* Marloth & Engl.)
(*C. petersii* (Klotzsch) Engl.)

„ laxiflorum Welw. ex Laws.

„ mechowianum O. Hoffm.

„ microphyllum Klotzsch

„ molle R. Br.
(*C. gueinzii* Sond.)
(*C. holosericeum* Sond.)
(*C. splendens* Engl.)

„ mossambicense (Klotzsch)

„ padoides Engl. & Diels

„ psidioides Welw.
(*C. dinteri* Schinz)

Combretum tetrandum Exell

„ zeyheri Sond.
(*C. oblongum* F. Hoffm.)

Pteleopsis anisoptera (Welw.) Engl. & Diels

„ myrtifolia (Laws.) Engl. & Diels

Terminalia brachystemma Welw. ex Hiern

„ gazensis Bak.f.

„ kilimandscharica Engl.

„ mollis Laws.
(*T. suberosa* R.E.Fr.)
(*T. torulosa* F. Hoffm.)

„ prunioides Laws.

„ randii Bak.f.

„ sericea Burch.

„ silozensis Gibbs

„ stenostachya Engl. & Diels

„ stuhlmannii Engl.

„ trichopoda Diels

MYRTACEAE

Eugenia nyassensis Engl.
(*E. chirindensis* Bak.f.)

Syzygium cordatum, Hochst. ex Krauss
(*Eugenia cordata* Laws.)

„ guineense (Willd.) DC subsp. afromontanum F. White

„ guineense subsp. macrocarpum (Engl.) F. White

„ masukuense (Bak.) R. E. Fries

ARALIACEAE

Cussonia arborea Hochst.

„ kirkii Seen.

„ paniculata Edel & Zeyh.

Cussonia natalensis Sond.

„ spicata Thunb.

„ umbellifera Sond. var. umbellifera

Polyscias fulva (Hiern) Harms

„ malosana Harms

UMBELLIFERAE

Heteromorpha trifoliata (Wendl.) Edel & Zeyh.
(*H. arborescens* Cham. & Scht.)

Steganotaenia araliacea Hochst.

CORNACEAE

Afrocania volkensii (Harms) Hutch.
(*Cornus volkensii* Harms)

Curtisia faginea Ait.

ERICACEAE

Erica arborea L.
Umtali, *Chase* 7,786: Inyanga, *Chase* 544

Phillipia benguelensis (Engl.) Alm & Fries

„ hexandra S. Moore

„ mannii Hook. f.

„ norlindhii H. Weim.

MYRSINACEAE

Maesa lanceolata Forsk.

Myrsine africana L.

Rapanea ambratilis S. Moore
Melsetter, *Plowes* 1,223, etc.: Martin Forest Reserve, *McGregor* 41/48: Mt. Selinda, *Whellan* 257: Stapleford, *Guy* s.n.

„ melanophloeos (L.) Mey.

SAPOTACEAE

Bequaertiodendron maglismontanum (Son.) Heine & J. H. Hemsley
(*Chrysophyllum argyrophyllum* Hiern.)
(*C. maglismontanum* Sond.)
(*C. viridifolium* Wood & Franks)
(*Pouteria maglismontana* (Sond.) A. Meeuse)
(*Zeyherella maglismontana* (Sond.) Aubrev. & Pellegr.)

„ natalense (Sond.) Heine & J. H. Hemsley
(*Chrysophyllum natalense* Sond.)
(*Pouteria natalensis* (Sond.) Meeuse) Melsetter, *Swynnerton* 21

Chrysophyllum boivinianum (Pierre) Hemsley
(*C. gurungosanum* Engl.)

Lecomtedoxa henriquesii (Engl. & Warb.) A. Meeuse
(*Inhambanella henriquesii* (Engl. & Warb.) Dub)
(*Mimusops henriquesii* Engl. & Warb.) Gungunyana Forest, *Wild* 5,531, etc.: Chipinga, *Farrell* 201

Manilkara mochisia (Bak.) Dubard
(*M. aensiflora* (Engl.) Dale)
(*Mimusops mochisia* Bak.)
(*M. umbraculigera* Hutch. & Corb.)
(*Manilkara macaulayae* (Hutch. & Corb.) H. J. Lam.)

Mimusops caffra E. Mey. ex A.DC.

„ zeyheri Sond.
(*M. kirkii* Bak.)

Muriea discolor (Sond.) Hartog
(*Mimusops discolor* (Sond.) Hartog)

Pouteria brevipes (Bak.) Baehni
Melsetter, *Drummond* 5,001: Vumba, *Bell* 14: Chipinga, *Whellan* 133

Sideroxylon inerme L.

EBENACEAE

Diospyros abyssinica (Hiern) F. White
(*Maba mualala* Welw. ex Hiern)

Diospyros batocana Hiern

,, kirkii Hiern
(*D. platyphylla* Welw. ex Hiern)

,, lycioides Desf. subsp. sericea (Bernh.) de Winter
(*Royena pallens* Thunb.)
(*R. lycioides* (Desf.) A. DC. subsp. *seriacea* (Bernh.) de Winter)

,, mespiliformis Hochst. ex A.DC.
(*D. sabiensis* Hiern)

,, natalensis (Harv.) Brenan
(*D. dawei* (Hutch.) Brenan)

,, nummularia Brenan

,, quiloensis (Hiern) F. White

,, senensis Klotzsch

,, squarrosa Klotzsch

,, whyteana (Hiern) F. White
(*Royena whyteana* Hiern)
(*R. lucida* L.)

,, zombensis (B. L. Burtt) F. White

Euclea crispa (Thunb.) Guerke var. crispa

,, divinorum Hiern

,, linearis Zeyh. ex Hiern
(*E. eylesii* Hiern)

,, natalensis A.DC.
(*E. multiflora* Hiern)

,, schimperi (A.DC.) Dandy var. schimperi

,, undulata Thunb. var. undulata

Oleaceae

Linociera battiscombei Hutch.
(*Dekindtia africana* Gilg)

Olea africana Mill.
(*O. chrysophylla* Lam.)
(*O. verrucosa* Link)

Schrebera alata (Hochst.) Welw.
(*S. merkeri* Lingelsh.)

Schrebera argyrotricha Gilg
(*S. mazoensis* S. Moore)

,, trichoclada Welw.
(*S. buchananii* Bak.)

Loganiaceae

Anthocleista grandiflora Gilg
(*A. zambesiaca* Bak.)

Buddleia salvifolia (L.) Lam.

Nuxia congesta R.Br. ex Fresen.
Gungunyana Forest, *Goldsmith* 67/61
(*N. sambesina* Gilg)
(*Lachnopylis sambesina* (Gilg) C.A.Sm.)

,, floribunda Benth.
(*Lachnopylis floribunda* (Benth.) C.A.Sm.)

,, oppositifolia (Hochst.) Benth.
(*Lachnopylis oppositifolia* Hochst.)
(*L. dentata* R.Br.)
(*Nuxia dentata* R.Br.)

Strychnos cocculoides Bak.

,, decussata (Pappe) Gilg
(*S. atherstonei* Harv.)

,, henningsii Gilg
(*S. holstii* Gilg)

,, innocua Del. subsp. burtonii (Baker) Bruce & Lewis var. burtonii
(*S. burtonii* Bak.)
(*S. quaqua* Gilg)

,, innocua Del. subsp. dysophylla (Benth.) Verdoorn
(*S. randiiformis* Baill.)
(*S. dysophylla Benth.* subsp. *dysophylla* Bruce & Lewis)

,, innocua Del. subsp. innocua

,, mitis S. Moore

,, pungens Solered.

,, spinosa Lam.
(*S. spinosa* Lam. subsp. *lokua* (A. Rich.) E. A. Bruce)
(*S. tonga* Gilg)

Holmskioldia tettensis (Klotzsch) Vatke
Sebungwe, *Lovemore* 191

Premna senensis Klotzsch

Vitex amboniensis Gurke

,, isotjensis S. Moore

,, lokundjensis Pieper
Chirinda Forest, *Chase* 435, etc.

,, madiensis Oliv. var. milangiensis (Britten) F. White

,, mombassae Vatke
(*V. flavescens* Rolfe)
(*V. goetzii* Gurke)

,, petersiana Klotzsch

,, payos (Lour.) Merr.
(*V. hildebrandtii* Vatke)
(*V. eylesii* S. Moore)
(*V. guerkeana* Engl. ex Eyles)

,, pooara Corbishley
Wankie, *Levy* 73: Umtali, *Chase* 1,965

SCROPHULARIACEAE

Halleria lucida L.

BIGNONIACEAE

Fernandoa magnifica Seem
Chipinga, *Soane* 310: Martin For. Res., *McGregor* 48/65

Kigelia pinnata (Jacq.) DC.

Markhamia acuminata (Klotzsch) K. Schum.

,, obtusifolia (Bak.) Sprague

,, puberula (Klotzsch) K. Schum.
Sebungwe, *Lovemore* 228

,, zanzibarica (Boj. ex DC.) K. Schum. ex Engl.

Stereospermum kunthianum Cham.

PEDALIACEAE

Sesamothamnus lugardii N.E.Br.

RUBIACEAE

Adina galpini Oliv.
Inyamadzi Valley, *Swynnerton* 1,135

,, microcephala (Del.) Hiern

Aidia micrantha (K. Schum) Bullock ex F. White
(*Randia micrantha* K. Schum.)
(*R. lucidula* Hiern)

Aulacocalyx diervilleoides (K. Schum.) Petit
Chirinda Forest, *Goldsmith* 192/62, *Angus & White* 2,999, etc.: Umtali, *Chase* 1,466

Canthium burtii Bullock

,, crassum (Schweinf.) Hiern
(*C. platyphyllum* Hiern)
(*C. randii* S. Moore)
(*Plectronia randii* (S. Moore) Torre & Harms)

,, frangula S. Moore

,, gueinzii Sond.
(*C. scabrosum* Bullock)
(*Plectronia guenzii* (Sond.) Sim)

,, huillense Hiern

,, inerme

,, lactescens Hiern
(*C. umbrosum* Hiern)

,, mundtianum Cham. & Schlecht.

,, pauciflorum Klotzsch

,, swynnertonii S. Moore
(*Plectronia swynnertonii* (S. Moore) Torre & Harms)

,, venosum (Oliv.) Hiern
(*C. sylvaticum* Hiern)

,, ventosum (L.) S. Moore
(*Plectronia ventosa* L.)

,, wildii Suess.

Coffea ligustroides S. Moore

,, swynnertonii S. Moore
(Melsetter, *McGregor* (Dept. Agric. S.F. 2,669))

Craterispermum laurinum (Poir.) Benth.

Cremospora triflora (Thonn.) K. Schum.
(*C. africana* Benth.)

Crossopteryx febrituga (Afzel. ex G. Don) Benth.
(*C. kotschyana* Fenzl.)
(*C. africana* K. Schum.)

Didymosalpinx norae (Swynnerton) Keay
Chirinda Forest, *Wild* 2,035, etc.: Chipete Forest, Hack 222/50
(*Gardenia norae* Swynn.)

Enterospermum littorale Hiern
Chipinda Pools, *Wormald* 83/51: Sabi-Lundi Jctn., *Plowes* 1,158, etc.: Danga, *Chase* 2,421

,, rhodesicum Brem.

Feretia aeruginescens Stapf.

Gardenia asperula Stapf. & Hutch.

,, imperalis K. Schum.

,, jovis-tonantis (Welw.) Hiern

,, posoquerioides S. Moore
Chirinda Forest, *Goldsmith* 38/62, *Rattray* 1,164, etc.

,, resiniflua Hiern

,, spatulifolia Stapf. & Hutch.

Heinsia crinita (Afzel.) G. Tayl.
(H. jasminiflora DC.)

Hymenodictyon floribundum (Hochst. & Steud.) B. L. Robinson
(*H. kurria* Hochst.)

Ixora rhodesiaca Brem.

Lasianthus kilimanscharicus K. Schum.
(Melsetter, *Armitage* 70/55: Nyunkombe Valley, *Gilliland* 877)

Mussaenda arcuata Lam. ex Poir.

Oxyanthus gerrardii Sond.
Chirinda Forest, *Swynnerton* 116

,, swynnertonii S. Moore
Chirinda Forest, *Wild* 2,224, etc.

Pavetta assimilis Sond. var. pubescens Brem.

,, comostyla S. Moore

,, schumanniana F. Hoffm. ex K. Schum.

,, umtalensis Brem.

,, vumbana Brem.
Vumba Mts., *Drummond* 5,089, etc.: Chirinda Forest, *Chase* 440: Inyangana, *Mullins* s.n.

Psychotria megistostira (S. Moore) Petit var. punicea (S. Moore)Petit
(*Grumilea punicea* S. Moore)

,, zombamontana (Kuntze) Petit
(*Grumilea Kirkii* Hiern)

Rothmannia fischeri (K. Schum.) Bullock ex Oberm.
(*Randia fischeri* K. Schum.)

,, manganjae (Hiern) Keay

,, urcelliformis (Schweinf. ex Hiern) Bullock ex Robyns

Rytigynia sp. (aff. R. neglecta (Hiern))Robyns
Umtali, *Whellan* 1,597, etc.: Chirinda Forest, *Chase* 489, etc.

Tapiphyllum velutinum (Hiern) Robyns
(*Vangueria velutina* Hiern)

Tarenna affinis (K. Schum.) S. Moore
Vumba Mts., *Chase* 7,028: Chipinga, *Rattray* s.n.

,, luteola (Stapf.) Brem.
(*Pavetta luteola* Stapf.)

,, neurophylla (S. Moore) Brem.
(*Pavetta neurophylla* S. Moore)

,, nigrescens (Hook.f.) Hiern
Umtali, *Eyles* 4,460, etc.: Melsetter, *Goodier* & *Phipps* 328

,, pavettoides (Harv.) Sim
(*Pavetta friesiorum* K. Krause)
(*Tarenna friesiorum* (K. Krause) Brem.)

Tricalysia allenii (Stapf.) Brenan

,, andogensis Hiern
(*T. pachystigma* K. Schum.)

Tricalysia angolensis A. Rich.
(*T. benguellensis* Welw.)
(*T. griseiflora* K. Schum.)
(*T. niamniamensis* Schweinf. ex Hiern)

,, congesta (Oliv.) Hiern

,, coriacea Hiern
Chimanimani Mts., *Wild* 3,530 (30,365): Melsetter, *Chase* 2,984, etc.: Inyanga, *Plowes* 2,047

,, jasminiflora (Klotzsch) Benth. & Hook. f.

,, myrtifolia S. Moore
(*T. buxifolia* Krause)

Vangueria esculenta S. Moore

,, lasioclados K. Schum.
(*V. rupicola* Robyns)

,, longicalyx Robyns
(*V. apiculata* K. Schum.)
Inyanga, *Wild* 1,576

,, tomentosa Hochst.

Vangueriopsis lanciflora (Hiern) Robyns

Xeromphsis obovata (Hochst.) Keay
(*Randia kraussii* Harv.)

,, vestita (Moore) Boughey
(*Randia vestita* S. Moore)

Compositae

Brachylaena rhodesiana S. Moore

,, rotundata S. Moore

Senecio mannii Hook. f.
(*Crassocephalum mannii* (Hook. f.) Milne-Redhead)

Vernonia ampla Hoffm.

,, amygdalina Del.

,, colorata (Willd.) Drake

Cyatheaceae

Cyathea capensis (L.f.) Sm.
(*Hemitelia capensis* (L.f.) Koulf.)

Cyathea deckenii Kuhn

,, dregei Kunze

,, zambesiaca Bak.
(*C. holstii* Hiern)

Podocarpaceae

Podocarpus milanjianus Rendle

Cupressaceae

Widdringtonia whytei Rendle

Liliaceae

Aloe excelsa Berger

Agavaceae

Dracaena steudneri Engl. var. kilimandscharica Engl.

,, usambarensis Engl.

Strelitziaceae

Strelitzia caudata R. A. Dyer forma glauca

,, nicolai Regel & Korn

Musaceae

Ensete edule (Gmel.) Horan.

Palmae

Borassus aethiopum Mart.
(*B. flabellifer* L. var. *aethiopum* (Mart.) Warb.)

Hyphaene crinita Gaertn.

,, ventricosa Kirk
Victoria Falls, *Wild* 3,099, etc.

Phoenix reclinata Jacq.

Raphia ruffia (Jacq.) Mart.

Index to Check-List of Trees

	PAGE
Aberia = Dovyalis	166
Acacia	157, 158
Acokanthera	170
Adansonia	165
Adenia	166
Adina	171
Afrocania	168
Afrormosia = Pericopsis	160
Afzelia	159
Agelaea	157
Aidia	171
Albizia	158
Alchornea	161, 162
Allophylus	164
Aloe	173
Amblygonocarpus	158
Androstachys	162
Annona	156
Anthocleista	169
Antidesma	162
Aphloia	166
Apodytes	164
Aporrhiza	164
Argomuellera	162
Artabotrys	156
Aulacocalyx	171
Azanza	165
Baikiaea	159
Balanites	160
Baphia	159
Bauhinia	159
Bauhinia = Piliostigma	159
Bequaertiodendron	168
Berchemia = Phyllogeiton	164
Berlinia = Julbernardia	159
Bersama	164
Bivinia	166
Blighia	164
Bolusanthus	159
Borassus	173
Boscia	157
Bosquiea	155
Brachylaena	173
Brachystegia	159
Brackenridgea	165
Bridelia	162
Buddleia	169
Burkea	159
Byrsocarpus	157
Calodendron	160
Calpurnea	159
Canthium	171
Cardiogyne = Maclura	156
Carissa	170
Casearia	166
Cassia	159
Cassine	163
Cassinopsis	164
Cassipourea	167
Catha	163
Celtis	155
Chaetacme	155
Chrysophyllum	168
Chrysophyllum = Bequaertiodendron	168
Citropsis	160
Cladostemon	157
Claoxylon = Erythrococca	162
Clausena	160
Clausenopsis = Fagaropsis	160
Cleistanthus	162
Cleistochlamys	156
Clerodendrum	170
Coffea	171
Cola	165
Colophospermum	159
Combretum	167
Commiphora	161
Conopharyngia = Tabernaemontana	170
Copaifera = Colophospermum	159
Copaifera = Guibourtia	159
Cordia	170
Cordyla	159
Cornus = Afrocania	168
Craibea	159
Crassocephalum = Senecio	173
Craterispermum	172
Cremospora	172
Crossopteryx	172
Croton	162
Curtisia	168
Cussonia	167, 168
Cyathea	173
Dalbergia	159
Dalbergiella	159
Deinbollia	164
Dekindtia = Linoceira	169
Dialium	159
Dialopsis	164
Dichrostachys	158
Didymosalpinx	172
Diospyros	168, 169
Diplorhynchus	170
Dodonea	164
Dombeya	165
Dovyalis	166

PAGE

Dracaena 173
Drypetes 162

Ehretia 170
Ekebergia 161
Elaeodendron = Cassine 163
Elephantorrhiza 158
Ensete 173
Entada 158
Entandrophragma 161
Enterosperum 172
Erica 168
Erythrina 159, 160
Erythrococca 162
Erythrophleum 159
Erythroxylum 160
Excoecaria 162
Euclea 169
Eugenia 167
Eugenia = Syzygium 167
Euphorbia 162

Fagara 160
Fagaropsis 160
Faurea 156
Feretia 172
Fernandoa 171
Ficus 155, 156
Filicium 164
Flacourtia 166
Fluggea = Securinega 163

Galpinia 167
Garcinia 166
Gardenia 172
Gardenia = Didymosalpinx 172
Gleditsia = Erythrophleum 159
Grewia 165
Grumilea = Psychotria 172
Guibourtia 159
Gymnosporia = Maytenus 163
Gyrocarpus 156

Halleria 171
Haronga = Harungana 166
Harungana 166
Heeria 163
Heinsia 172
Hemitelia = Cyathea 173
Heteromorpha 168
Hexalobus 156
Hibiscus 165
Holarrhena 170
Holmskioldia 170, 171
Homalium 166
Hugonia 160
Hymenocardia 162
Hymenodictyon 172
Hypericum 166
Hyphaene 173

PAGE

Ilex 163
Indigofera 160
Inhambanella = Lecomtedoxa .. 168
Isoberlinia = Julbernardia 159
Ixora 172

Julbernardia 159

Khaya 161
Kigelia 171
Kiggelaria 166
Kirkia 161

Lachnopylis = Nuxia 169
Lannea 163
Lasianthus 172
Lasiodiscus 164
Lecaniodiscus 164
Lecomtedoxa 168
Leucadendron 156
Leucadendron = Protea 156
Linociera 169
Lonchocarpus 160
Lovoa 161

Maba = Diospyros 168
Macaranga 162
Maclura 156
Maerua 157
Maesa 168
Manilkara 168
Markhamia 171
Mascarenhasia 170
Maytenus 163
Melanodiscus 164
Milletia 160
Mimusops 168
Mimusops = Lecomtedoxa 168
Mimusops = Manilkara 168
Mimusops = Muriea 168
Monodora 156
Monotes 166
Mundulea 160
Muriea 168
Mussaenda 172
Myrianthus 156
Myrica 155
Myrsine 168
Mystroxylon = Cassine 163

Neopalissya 162
Neumannia = Aphloia 166
Newtonia 158
Nuxia 169

Ochna 165
Olax 156
Olea 169
Olinia 166
Oncoba 166
Opilia 156

PAGE

Oricia 160
Ormocarpum 160
Ostryoderris 160
Oxyanthus 172

Pappea 164
Parinari 157
Parinarium = Parinari 157
Pavetta 172
Pavetta = Tarenna 172
Peddiea 166
Peltophorum 159
Pericopsis 160
Phillipia 168
Phialodiscus = Blighia 164
Phoenix 173
Phyllanthus 162
Phyllogeiton 164
Piliostigma 159
Piptadenia = Elephantorrhiza .. 158
Piptadenia = Newtonia 158
Pittosporum 157
Plectronia = Canthium 171
Pleiocarpa 170
Pleurostylia 163
Podocarpus 173
Polygala 161
Polyscias 168
Popowia 156
Pouteria 168
Pouteria = Bequaertiodendron .. 168
Premna 171
Protea 156
Pseudocadia 160
Pseudocassine 164
Pseudolachnostylis 162
Psorospermum 166
Psychotria 172
Pteleopsis 167
Pterocarpus 160
Pygeum 157

Randia = Aidia 171
Randia = Rothmannia 172
Randia = Xeromphsis 173
Rapanea 168
Raphia 173
Rauwolfia 170
Rawsonia 166
Rhamnus = Phyllogeiton 164
Rhamnus 164
Rhoicissus 164
Rhus 163
Ricinodendron 163
Ritchiea 157
Rinorea 166
Rothmannia 172
Royena = Diospyros 169
Rytigynia 172

Salix 155
Salvadora 164

PAGE

Sapium 163
Sclerocarya 163
Schefflerodendron = Craibea .. 159
Schrebera 169
Scolopia 166
Securidaca 161
Securinega 163
Senecio 173
Sesamnothamnus 171
Sesbania 160
Sideroxylon 168
Sophora = Pseudocadia 160
Stadmannia 164
Steganotaenia 168
Sterculia 165
Stereospermum 171
Strelitzia 173
Strombosia 156
Strychnos 169, 170
Suregada 163
Swartzia 159
Symphonia 166
Synadaenium 163
Syzygium 167

Tabernaemontana 170
Tamarindus 159
Tannodia 163
Tapiphyllum 172
Tarenna 172
Teclea 161
Teclea = Oricia 160
Terminalia 167
Thespezia = Azanza 165
Thylacium 157
Trema 155
Tricalysia 172, 173
Trichilia 161
Trimeria 166
Triplochiton 165
Turraea 161

Uapaca 163
Uvaria 156

Vangueria 173
Vangueria = Tapiphyllum 172
Vangueriopsis 173
Vepris 161
Vernonia 173
Vitex 171

Widdringtonia 173

Xanthoxylum = Fagara 160
Xeromphsis 173
Ximenia 156
Xylia 158
Xylopia 156
Xymalos 156

Zanha 164
Zeyherella = Bequaertiodendron .. 168
Ziziphus 164